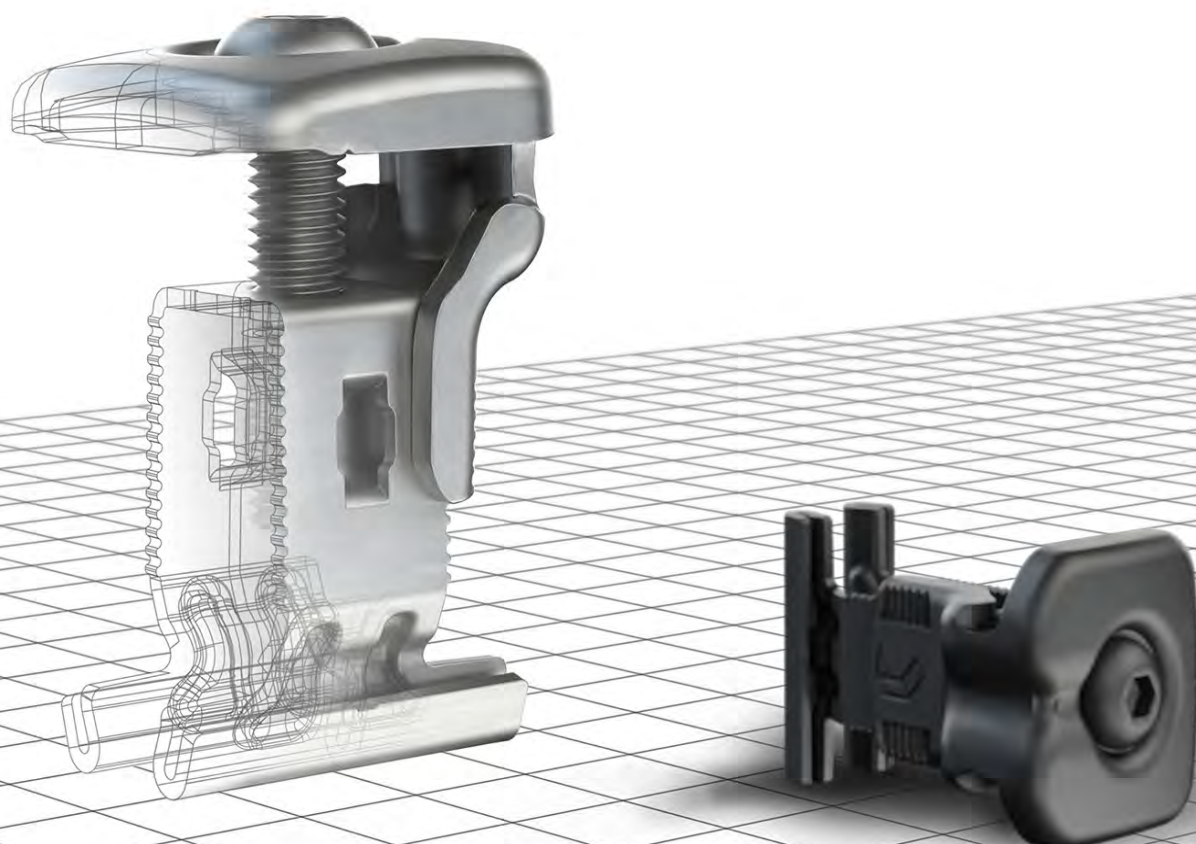


PRODUKTKATALOG
PRODUCT CATALOG



DE | Produktkatalog

Gültig ab 03.03.2021

Abbildungen und Texte dienen der Präsentation der Ware.

Änderungen und Irrtümer bleiben bis zur Abgabe der Bestellung durch den Kunden vorbehalten.

Preise ab Lager

GB | Product catalogue

Valid starting 03.03.2021

Illustrations and texts are used to present the product.

No liability is accepted for changes and errors made before the customer has placed an order.

Price ex works

FR | Catalogue de produits

Valable à partir du 03.03.2021

Les images et les textes servent à la présentation des produits.

Sous réserve de modifications et d'erreurs jusqu'à la passation de commande par le client.

Prix ex usine

IT | Catalogo prodotti

Valido dal 03.03.2021

Le figure e i testi sono indicativi.

Con riserva di modifica e di errore fino all'avvenuta ordinazione da parte del cliente.

Il prezzo franco fabbrica

ES | Catálogo de productos

Válido a partir del 03.03.2021

Las imágenes y textos están destinados a la presentación de la mercancía.

Nos reservamos el derecho a modificaciones y errores hasta la entrega del pedido por parte del cliente

El precio en fábrica



DE		Schrägdach	MS+ / MS+P / VS+
EN		Pitched-roof	MS+ / MS+P / VS+
FR		Toiture inclinée	MS+ / MS+P / VS+
IT		Tetti inclinati	MS+ / MS+P / VS+
ES		Tejado oblicuo	MS+ / MS+P / VS+



DE		Flachdach	FS10-EW / FS-S / CS+
EN		Flat-roof	FS10-EW / FS-S / CS+
FR		Toitures plates	FS10-EW / FS-S / CS+
IT		Tetti piani	FS10-EW / FS-S / CS+
ES		Tejado plano	FS10-EW / FS-S / CS+



DE		Indach	ISSE
EN		In-roof	ISSE
FR		Intégration	ISSE
IT		Integrazione	ISSE
ES		Integrado en cubierta	ISSE



DE		Zubehör	DE		Muster
EN		Accessoires	EN		Samples
FR		Accessoires	FR		Echantillo
IT		Accessori	IT		Campioatura
ES		Accesorio	ES		Muestra



DE		Aktualisierte Information	DE		Neues Produkt
EN		Updated information	EN		New product
FR		Informations mises à jour	FR		Nouveau produit
IT		Informazioni aggiornate	IT		Nuovo prodotto
ES		Información actualizada	ES		Producto nuevo



Schrägdach / Pitched roof

Flachdach / Flat roof

Indach / Roof integrated








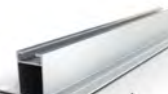
Zubehör / Accessories

DEDICATED TO METAL






MS+/MS+ P



	D	MetaSole+ Blechstärke Stahl 0,40-1,25 mm; Alu 0,50-2,00 mm	Item No. 420402
	UK	MetaSole+ metal sheet thickness: steel 0.40-1.25mm; alu 0.50-2.00 mm	
	F	MetaSole+ Epaisseur de tôle: acier 0,40 - 1,25 mm; alu 0,50 - 2,00 mm	
	I	MetaSole+ Spessore lamiera; acciaio 0,40 - 1,25 mm; allu 0,50 - 2,00 mm	
	E	MetaSole+ Grososres: acero 0,40 - 1,25 mm; alu 0,50 - 2,00 mm	
	D	MetaSole+ Blechstärke: Stahl 0,75-1,00 mm	Item No. 420403
	UK	MetaSole+ metal sheet thickness: steel 0.75-1.0 mm	
	F	MetaSole+ Epaisseur de tôle: acier 0,75 - 1,00 mm	
	I	MetaSole+ Spessore lamiera: acciaio 0,75 - 1,00 mm	
	E	MetaSole+ Grososres: acero 0,75 - 1,00 mm	
	D	MetaSole+ Blechstärke: Stahl 0,75 ETN Zertifikat	Item No. 420405
	UK	MetaSole+ metal sheet thickness: steel 0.75 ETN Certification	
	F	MetaSole+ Epaisseur de tôle: acier 0,75 mm; Certification ETN	
	I	MetaSole+ Spessore lamiera: acciaio 0,75 mm; Certificato ETN	
	E	MetaSole+ Grososres: acero 0,75 mm; certificación ETN	
	D	MetaSole+ Klemmfuß mit Nieten ab 0,50 - 2,00 mm	Item No. 420406
	UK	MetaSole+ foot with rivets from 0.50 - 2,00 mm	
	F	MetaSole+ pied avec rivets 0,50 - 2,00 mm	
	I	MetaSole+ piede con rivetti 0,50 - 2,00 mm	
	E	MetaSole+ pie con remaches 0,50 - 2,00 mm	
	D	MS+ Adapter Wellblech Radius 24	Item No. 420401
	UK	MS+ Adapter corrugated sheet radius 24	
	F	MS+ Adaptateur tôle ondulée rayon 24	
	I	MS+ Adattatore lamiera ondulata raggio 24	
	E	MS+ Adaptador chapa ondulada radio 24	
	D	MS+ Wellblech Radius 24	Item No. 420411
	UK	MS+ corrugated sheet radius 24	
	F	MS+ tôle ondulée rayon 24	
	I	MS+ lamiera ondulata raggio 24	
	E	MS+ chapa ondulada radio 24	
	D	MS+ Portrait (Set)	Item No. 420420
	UK	MS+ Portrait (Set)	
	F	MS+ Portrait	
	I	MS+ Verticale	
	E	MS+ Formato alto	
	D	MS+ Portrait Niete (Set)	Item No. 420422
	UK	MS+ Portrait Rivet (Set)	
	F	MS+ Portrait rivets (SET)	
	I	MS+ Verticale rivetti (SET)	
	E	MS+ Formato alto remanches (SET)	





	D MS+ Portrait 400 mm (Set)	Item No.	420421
	UK MS+ Portrait 400 mm (Set)		
	F MS+ Portrait 400 mm		
	I MS+ Verticale 400 mm		
	E MS+ Formato alto 400 mm		
	D MS+ Portrait ohne EPDM	Item No.	400405
	UK MS+ Portrait without EPDM	Länge/Length	3600 mm
	F MS+ Portrait EPDM	Item No.	400406
	I MS+ Verticale senza EPDM	Länge/Length	4200 mm
	E MS+ Formato alto sin EPDM		
	D MS+ H (Set)	Item No.	420423
	UK MS+ H (Set)		
	F MS+ H (Set)		
	I MS+ H (Set)		
	E MS+ H (Set)		
	D EPDM Rolle 5m für MS+ Portrait	Item No.	300224
	UK EPDM Roll 5m for MS+ Portrait		
	F Rouleau EPDM 5 m pour MS+ Portrait		
	I Rotolo EPDM 5 m per MS+ Verticale		
	E Rollo EPDM 5m para MS+ Formato alto		
	D Bohrschraube 5,5 x 25 SW8 E16	Item No.	400301
	UK Self drilling screw 5,5 x 25 SW8 E16		
	F Vis autoforeuse 5,5 x 25 SW8 E16		
	I Vite autoforante 5,5 x 25 SW8 E16		
	E Tornillo taladrador 5,5 x 25 SW8 E16		
	D Bohrschraube SFS-SDK2-S-377-6,0x35	Item No.	400047
	UK Self drilling screw SFS-SDK2-S-377- 6,0x35		
	F Vis autoforeuse SFS-SDK2-S-377- 6,0x35		
	I Vite autoforante SFS-SDK2-S-377- 6,0x35		
	E Tornillo taladrador SFS-SDK2-S-377- 6,0x35		
	D Bohrschraube Faynot P1 6,3 x 38	Item No.	900122
	UK Self drilling screw Faynot P1 6,3 x 38		
	F Vis autoforeuse Faynot P1 6,3 x 38		
	I Vite autoforante Faynot P1 6,3 x 38		
	E Tornillo taladrador Faynot P1 6,3 x 38		
	D Niete 6,4x14	Item No.	900270
	UK Rivets 6,4x14		
	F Rivets 6,4x14		
	I Rivetti 6,4x14		
	E Remaches 6,4x14		











VS+ Allrounder on pitched roofs

VS+



	D Dachhaken Aluminium Standard (ohne Holzschraube)	Item No. 420151
	UK Roof hook aluminium (without wood screw)	
	F Crochet de toit aluminium (sans vis)	
	I Staffa alluminio (senza vite da legno)	
	E Gancho salvatejas Aluminio (sin tornillo de madera)	
	D VS Dachhaken Alu verstellbar 100mm (ohne Holzschraube)	Item No. 420161
	UK Roof hook aluminium adjustable 100 mm (without wood screw)	
	F Crochet de toit aluminium réglable 100 mm (sans vis)	
	I Staffa alluminio. regolabile 100 mm (senza vite da legno)	
	E Gancho salvatejas Aluminio ajustable 100 mm (sin tornillo de madera)	
	D Dachhaken Aluminium Beton Basic 90°	Item No. 920003
	UK Roof hook Alu Concrete Basic 90°	
	F Crochet de toit aluminium béton basic 90°	
	I Staffa alluminio Calcestruzzo 90°	
	E Gancho salvatejas Aluminio Hormigón 90°	
	D Dachhaken Edelstahl (ohne Holzschraube)	Item No. 420150
	UK Roof hook stainless steel (without wood screw)	
	F Crochet de toit acier inoxydable (sans vis)	
	I Staffa acciaio inossidabile (senza vite da legno)	
	E Gancho salvatejas acero inoxidable (sin tornillo de madera)	
	D Dachhaken Biber Standard (ohne Holzschraube)	Item No. 420153
	UK Roof hook for plain tiles Standard (without wood screw)	
	F Crochet de toit tuile plate standard (sans vis)	
	I Staffa Coda di castoro Standard (senza vite da legno)	
	E Gancho para tejas planas estándar (sin tornillo de madera)	
	D Dachhaken Biber 90° (ohne Holzschraube)	Item No. 420154
	UK Roof hook for plain tiles 90° (without wood screw)	
	F Crochet de toit tuile plate 90° (sans vis)	
	I Staffa Coda di castoro 90° (senza vite da legno)	
	E Gancho para tejas planas 90° (sin tornillo de madera)	
	D Dachhaken Schiefer (ohne Holzschraube)	Item No. 420155
	UK Roof hook for slate tiles (without wood screw)	
	F Crochet de toit ardoise (sans vis)	
	I Staffa Ardesia (senza vite da legno)	
	E Gancho para tejas de pizarra (sin tornillo de madera)	
	D Dachhaken Edelstahl Aufdachdämmung (ohne Holzschraube)	Item No. 420160
	UK Roof hook stainless steel on-roof insulation (without wood screw)	
	F Crochet en acier inox pour toiture avec isolation (sans vis)	
	I Staffa acciaio inossidabile per tetto con isolamento (senza vite)	
	E Gancho salvatejas para aislamiento sobre cubierta (sin tornillo)	





	D Dachhaken UK Dachpfanne (ohne Holzschraube)	Item No. 420180
	UK Roof hook UK Pantile (without wood screw)	
	F Crochet de toit UK tuile (sans vis)	
	I Staffa tegola UK, staffa (senza vite da legno)	
	E Gancho para cubierta de tejas UK (sin tornillo de madera)	
	D Dachhaken UK Biber/Schiefer (ohne Holzschraube)	Item No. 420181
	UK Roof hook UK Plain tiles/slates (without wood screw)	
	F Crochet de toit UK tuile plate/ardoise (sans vis)	
	I Staffa tegole piane/ardesia UK (senza vite da legno)	
	E Gancho para cubierta de pizarra UK (sin tornillo de madera)	
	D Dachhaken UK Biber/Schiefer HL (ohne Holzschraube)	Item No. 420184
	UK Roof hook UK Plain tiles/slates HL (without wood screw)	
	F Crochet de toit UK tuile plate/ardoise HL (sans vis)	
	I Staffa tegole piane/ardesia UK HL (senza vite da legno)	
	E Gancho para cubierta de pizarra UK HL (sin tornillo de madera)	★
	D Dachhaken UK Flexibel (ohne Holzschraube)	Item No. 420182
	UK Roof hook UK Flexible (without wood screw)	
	F Crochet de toit UK flexible (sans vis)	
	I Staffa UK flessibile (senza vite da legno)	
	E Gancho para cubierta flexible UK (sin tornillo de madera)	
	D Dachhaken UK Flexibel 90° (ohne Holzschraube)	Item No. 420183
	UK Roof hook UK Flexible 90° (without wood screw)	
	F Crochet de toit UK flexible 90° (sans vis)	
	I Staffa UK flessibile 90° (senza vite da legno)	
	E Gancho para cubierta flexible UK 90° (sin tornillo de madera)	
	D Dachhaken ECO Basic (ohne Holzschraube)	Item No. 420165
	UK Roof hook ECO Basic (without wood screw)	
	F Crochet de toit ECO Basic (sans vis)	
	I Staffa Eco Basic (senza vite de lengo)	
	E Gancho para cubierta Eco Basic (sin tornillo de madera)	
	D Dachhaken ECO High (ohne Holzschraube)	Item No. 420166
	UK Roof hook ECO High (without wood screw)	
	F Crochet de toit ECO High (sans vis)	
	I Staffa Eco High (senza vite de lengo)	
	E Gancho para cubierta Eco High (sin tornillo de madera)	★
	D Dachhaken HL (ohne Holzschraube)	Item No. 420170
	UK Roof hook HL (without wood screw)	
	F Crochet de toit HL (sans vis)	
	I Staffa HL (senza vite de lengo)	
	E Gancho para cubierta HL (sin tornillo)	★



	D	Dachhaken Edelstahl Tegola Portoghese (ohne Holzschraube)	Item No.	420158
	UK	Roof hook stainless steel Tegola Portoghese (without wood screw)		
	F	Crochet de toit acier inoxydable Tegola Portoghese (sans vis)		
	I	Staffa acciaio inossidabile Tegola Portoghese (senza vite da legno)		
	E	Gancho salvatejas acero inoxidable Tegola Portoghese (sin tornillos)		
	D	Distanzplatte 2 mm	Item No.	400350
	UK	2-mm spacer plate		
	F	Plaque d'écartement 2 mm		
	I	Piastra distanziale 2mm		
	E	Placa calzadora 2 mm		
	D	Distanzplatte 5 mm	Item No.	400351
	UK	5-mm spacer plate		
	F	Plaque d'écartement 5 mm		
	I	Piastra distanziale 5mm		
	E	Placa calzadora 5 mm		
	D	Holzbohrschraube Linsenkopf 6 x 80/74	Item No.	900305
	UK	Wood screw pan head 6 x 80/74		
	F	Vis à bois tête lenticulaire 6 x 80/74		
	I	Vite da legno testa tonda 6 x 80/74		
	E	Tornillo madera con cabeza convexa 6 x 80/74		
	D	Holzschraube Senkkopf für Schieferdachhaken 6 x 80	Item No.	900013
	UK	Wood screw countersunk 6 x 80		
	F	Vis à bois tête fraisée 6 x 80 pour ardoises		
	I	Vite da legno testa piana per ardesia 6 x 80		
	E	Tornillo madera para teja planas cabeza avellanada 6 x 80		
	D	Holzschraube Tellerkopf 8,0 x 100	Item No.	900129
	UK	Dish-shaped head wood screw with cutting edge 8 x 100		
	F	vis à bois à tête plate aver enoche 8 x 100		
	I	Vite a testa svasata 8 x 100 per pannello truciolare		
	E	Tornillo para madera con cabeza plana y ranura de incisión 8 x 100		
	D	Tellerkopfschraube A2 6,0x120 / TX 30	Item No.	900127
	UK	Dish-shaped wood screw A2 6,0x120 / TX 30		
	F	Vis à bois à tête plate aver enoche A2 6,0x120 / TX30		
	I	Vite a testa svasata 6x120/TX30 per pannello truciolare		
	E	Tornillo para madera con cabeza plana y ranura de incision 6,0x120/TX30		
	D	Holzschraube Tellerkopf 6 x 160	Item No.	900145
	UK	Dish-shaped head wood screw with cutting edge 6 x 160		
	F	vis à bois à tête plate aver enoche 6 x 160		
	I	Vite a testa svasata 6 x 160 per pannello truciolare		
	E	Tornillo para madera con cabeza plana y ranura de incision 6 x 160		



	D Holzschraube Tellerkopf 8,0 x 50	Item No. 900316
	UK Dish-shaped head wood screw with cutting edge 8 x 50	
	F vis à bois à tête plate avec encoche 8 x 50	
	I Vite a testa svasata 8 x 50 per pannello truciolare	
	E Tornillo para madera con cabeza plana y ranura de incisión 8 x 50	
	D Holzschraube Linsenkopf 5 x 30	Item No. 900050
	UK Wood screw mushroom head 5 x 30	
	F Vis à bois tête lenticulaire 5 x 30	
	I Vite da legno testa tonda 5 x 30	
	E Tornillo madera con cabeza convexa 5 x 30	



1x **D** Dachhaken
UK Roof hooks
F Crochet de toit
I Staffa
E Gancho de tejado

+ **n**

D Holzschraube
UK Wood screw
F Vis a bois
I Vite da legno
E Tornillo de madera

	900305	900013	900129	900127	900145	900050
420151	3x	–	–	2x	2x	–
420161	3x	–	–	2x	2x	–
920003	–	–	2x	–	–	–
420150	3x	–	–	2x	2x	–
420153	2x	–	–	2x	2x	–
420154	2x	–	–	2x	2x	–
420155	–	2x	–	–	–	–
420158	3x	–	–	2x	2x	–
420160	–	–	–	–	–	3x
420165	3x	–	–	–	–	–
420180	2x	–	–	–	–	–
420181	2x	–	–	–	–	–
420182	2x	–	–	–	–	–
420183	2x	–	–	–	–	–

D Solarbefestiger für Stahlunterkonstruktion

UK Solar Fastener for steel substructure

F Élément de fixation solaire pour structures porteuses en acier

I Fissaggio solare per sottostruttura in acciaio

E Fijador solar para subconstrucción de acero

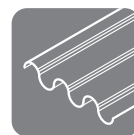
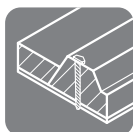
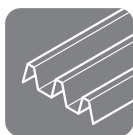
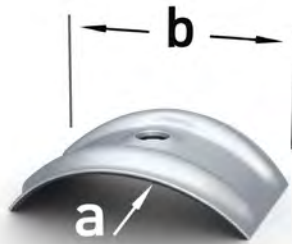
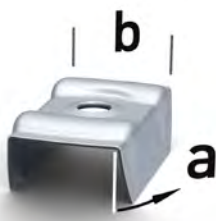
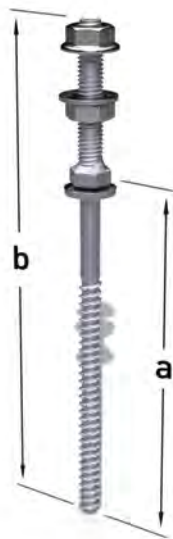
D Solarbefestiger für Holzunterkonstruktion

UK Solar fastener for wooden substructure

F Élément de fixation solaire pour structures porteuses en bois

I Fissaggio solare per sottostruttura in legno

E Fijador solar para subconstrucción de madera





- D** Stockschraube
- UK** Hanger bolt
- F** Vis double filetage
- I** Vite prigioniera
- E** Tornillo espárrago de doble rosca

	Item No.	a (mm)	b (mm)	Ø
M10 x 200	860006	200	81	Ø9,0/M10
M12 x 250	860007	250	91	Ø11,0/M12
M12 x 300	860017	300	141	Ø11,0/M12
M12 x 350	920136	350	191	Ø11,0/M12
M12 x 400	920137	400	211	Ø11,0/M12



- D** Stockschraube (Anbindung versetzt)
- UK** Hanger bolt (offset connection)
- F** Vis double filetage (fixation décentrée)
- I** Vite prigioniera M10 x 160 (fissaggio decentrato)
- E** Tornillo espárrago de doble rosca (orificio dec.)

	Item No.	a (mm)	b (mm)	Ø
M10x160	920159	160	71	Ø9,0/M10
M10x200	920008	200	81	Ø9,0/M10
M12x250	920002	250	91	Ø11,0/M12



- D** Solarbefestiger für Stahlunterkonstruktion
- UK** Solar Fastener for steel substructure
- F** Fixation d'équip. solaire p. structure acier
- I** Fissaggio solare per sottostrutture acciaio
- E** Fijador para subestructuras metálicas

	Item No.	a (mm)	b (mm)	Ø
80/50	900181	80	136	Ø8,0/M10
100/50	900182	100	156	Ø8,0/M10
125/50	900183	125	181	Ø8,0/M10
150/50	900184	150	206	Ø8,0/M10
160/50	900185	160	216	Ø8,0/M10
200/50	900186	200	256	Ø8,0/M10



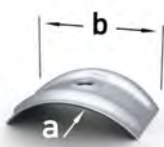
- D** Solarbefestiger für Holzunterkonstruktion
- UK** Solar Fastener for wooden substructure
- F** Fixation d'équip. solaire p. structure de bois
- I** Fissaggio solare per sottostrutture legna
- E** Fijador para subestructuras de madera

	Item No.	a (mm)	b (mm)	Ø
80/50	900187	80	136	Ø8,4/M10
100/50	900188	100	156	Ø8,4/M10
130/50	900189	130	186	Ø8,4/M10
150/50	900190	150	206	Ø8,4/M10
180/50	900191	180	236	Ø8,4/M10
200/50	900192	200	256	Ø8,4/M10



- D** Kalotte für Trapezblech
- UK** Storm washer for trapezoidal sheet
- F** Calotte pour toitures en tôles à ondes trapézoïdales
- I** Calotta per tetti a lamiera grecata
- E** Calota para tejados de chapa trapezoidal

	Item No.	a (mm)	b (mm)
W15/20	900205	15°	20
W15/25	900206	15°	25
W17/40	900207	17°	40
W22/57	900208	22°	57
W24/30	900209	24°	30
W27/25	900210	27°	25
W30/23	900211	30°	23
W32/54	900212	32°	54
W33/37	900213	33°	57
W35/20	900214	35°	20
W35/28	900215	35°	28
W36/40	900216	36°	40
W38/30	900217	38°	30
W40/26	900218	40°	26
W23/34	900219	23°	34



- D** Kalotte für Wellblech
- UK** Storm washer for corrugated sheet
- F** Calotte pour profilés ondulés
- I** Calotta per profilati ondulati
- E** Calota para perfiles ondulados

	Item No.	a (mm)	b (mm)
R24/40	900220	24	40
R32/51	900221	32	51
R48/57	900222	48	57



- D** Schirmdichtung für Solarbefestiger
- UK** EPDM gasket
- F** Joint
- I** Guarnizione
- E** Junta de apantallamiento

Item No.
900193

	a (mm)	b (mm)
EPDM	8,4	25




- D** Solarbefestigerblech für Bitumenschindel 246x205 mm
- UK** Solar fastener flashing for bitumen shingles 246x205 mm
- F** Tôle de élément de fixation solaire pour bardeaux bitumeux 246x205
- I** Latta per fissaggio solare per tegola bituminosa 246x205
- E** Chapa para fijador solar en placas bituminosas 246x205

Item No.
900203



- D** Solarbefestigerblech für Bitumenschindel 380x280 mm
- UK** Solar fastener flashing for bitumen shingles 380x280 mm
- F** Tôle de élément de fixation solaire pour bardeaux bitumeux 380x280
- I** Latta per fissaggio solare per tegola bituminosa 380x280
- E** Chapa para fijador solar en placas bituminosas 380x280

Item No.
900204


	D	TS+ Schere (SET)	Item No.	420550
	UK	TS+ V-frame (SET)		
	F	TS+ Support en ciseaux (SET)		
	I	TS+ Staffa a forbice (SET)		
	E	TS+ Perfil articulado (SET)		


	D	TS+ Stütze		
	UK	TS+ Support		
	F	TS+ Colonne		
	I	TS+ Puntello		
	E	TS+ Soporte		

	Item No.	Aufständigungswinkel/Angle of elevation
10°	400552	10°
15°	400553	15°
20°	400554	20°
25°	400555	25°
30°	400556	30°
35°	400557	35°

	D	TS+ Dreieck (montiert)		
	UK	TS+ Triangle (assembled)		
	F	TS+ Triangle (monté)		
	I	TS+ Triangolo (montata)		
	E	TS+ Triángulo (montado)		

	Item No.	Aufständigungswinkel/Angle of elevation
10°	410552	10°
15°	410553	15°
20°	410554	20°
25°	410555	25°
30°	410556	30°
35°	410557	35°

	D	TS+ L-Profil Querverstrebung (SET)	Item No.	420600
	UK	TS+ L-Profile cross striving profile (SET)		
	F	TS+ Renfort L-profilé croisé complet(SET)		
	I	TS+ L-Profili controvento completi (SET)		
	E	TS+ L-profil esfuerzo (SET)		

	D	TS+ L-Profil Querverstrebung 1900mm (SET)	Item No.	420601
	UK	TS+ L-Profile cross striving profile 1900mm(SET)		
	F	TS+ Renfort L-profilé croisé complet 1900mm(SET)		
	I	TS+ L-Profili controvento completi 1900mm (SET)		
	E	TS+ L-profil esfuerzo 1900mm(SET)		



- D VS+ Montageschiene 41x35
- UK VS+ Mounting rail 41x35
- F VarioSole+ Profilé de montage 41x35
- I VarioSole+ Guida alluminio 41x35
- E VarioSole+ Perfil base 41x35

Item No.	Länge/Length	Farbe/Colour	
400515	2100	Blank/Blank	
400523	2250	Blank/Blank	★
400523-B	2250	Schwarz/Black	★
400511	3200	Blank/Blank	
400511-B	3200	Schwarz/Black	
400524	3300	Blank/Blank	★
400524-B	3300	Schwarz/Black	★
400512	4200	Blank/Blank	
400512-B	4200	Schwarz/Black	
400525	4400	Blank/Blank	★
400525-B	4400	Schwarz/Black	★
400513	6200	Blank/Blank	
400519	Zuschnitt/Custom cut	Blank/Blank	
400519-B	Zuschnitt/Custom cut	Schwarz/Black	



- D VS+ Montageschiene 50x37
- UK VS+ Mounting rail 50x37
- F VarioSole+ Profilé de montage 50x37
- I VarioSole+ Guida alluminio 50x37
- E VarioSole+ Perfil base 50x37

Item No.	Länge/Length	Farbe/Colour	
400510	2100	Blank/Blank	
400527	2250	Blank/Blank	★
400527-B	2250	Schwarz/Black	★
400502	3200	Blank/Blank	
400502-B	3200	Schwarz/Black	
400528	3300	Blank/Blank	★
400528-B	3300	Schwarz/Black	★
400505	4200	Blank/Blank	
400505-B	4200	Schwarz/Black	
400529	4400	Blank/Blank	★
400529-B	4400	Blank/Blank	★
400506	6200	Blank/Blank	
400509	Zuschnitt/Custom cut	Blank/Blank	
400509-B	Zuschnitt/Custom cut	Schwarz/Black	



	D	VS+ Montageschiene 60 x 38 x 3300 mm	Item No.	400535
	UK	VS+ Mounting rail 60 x 38 x 3300 mm		
	F	VS+ Profilé de montage 60 x 38 x 3300 mm		
	I	VS+ Guida alluminio 60 x 38 x 3300 mm		
	E	VS+ Perfil base 60 x 38 x 3300 mm		
				
	D	VS+ Schienenverbinder 41 x 35	Item No.	400531
	UK	VS+ Rail connector 41 x 35		
	F	VS+ Raccord de profilés de montage 41 x 35		
	I	VS+ Connettore per guida 41 x 35		
	E	VS+ Carril de unión para perfil 41 x 35		
	D	VS+ Schienenverbinder 50 x 37	Item No.	400532
	UK	VS+ Rail connector 50 x 37		
	F	VS+ Raccord de profilés de montage 50 x 37		
	I	VS+ Connettore per guida 50 x 37		
	E	VS+ Carril de unión para perfil 50 x 37		
	D	VS+ Schienenverbinder 60 x 38	Item No.	400533
	UK	VS+ Rail connector 60 x 38		
	F	VS+ Raccord de profilés de montage 60 x 38		
	I	VS+ Connettore per guida 60 x 38		
	E	VS+ Carril de unión para perfil 60 x 38		
				
	D	Abschlusskappe LINKS / RECHTS (grau) 50x37	Item No.	920044
	UK	End Cap RIGHT / LEFT (grey) 50x37		
	F	Capuchon de rail DROITE / GAUCHE (gris) 50x37		
	I	Tappo DESTRO / SINISTRO (grigio) 50x37		
	E	Embellecedor lateral DERCHO / IZQUIERDO (gris) 50x37		
	D	Abschlusskappe LINKS / RECHTS (schwarz) 50x37	Item No.	920043
	UK	End Cap RIGHT / LEFT (black) 50x37		
	F	Capuchon de rail DROITE / GAUCHE (noir) 50x37		
	I	Tappo DESTRO / SINISTRO (nero) 50x37		
	E	Embellecedor lateral DERCHO / IZQUIERDO (negro) 50x37		
	D	Abdeckkappe VS+ Montageschiene 41x35 grau	Item No.	900246
	UK	Cap VS+ Mounting rail 41x35 (grey)		
	F	Capuchon VS+ Profilé de montage 41x35 (gris)		
	I	Tappo di copertura VS+ Guida alluminio 41x35 (grigio)		
	E	Tapa de cobertura VS+ Perfil base 41x35 (gris)		
	D	Abdeckkappe VS+ Montageschiene 41x35 (schwarz)	Item No.	900245
	UK	Cap VS+ Mounting rail 41x35 (black)		
	F	Capuchon VS+ Profilé de montage 41x35 (noir)		
	I	Tappo di copertura VS+ Guida alluminio 41x35 (nero)		
	E	Tapa de cobertura VS+ Perfil base 41x35 (negro)		



D Kreuzschienenverbinder+

UK Cross rail connector+

F Raccord perpendiculaire+

I Connettore perpendicolare+

E Carril de unión perpendicular+

Item No.

420083



D Kreuzschienenverbinder+ (schwarz)

UK Cross rail connector+ (black)

F Raccord perpendiculaire+ (noir)

I Connettore perpendicolare+ (nero)

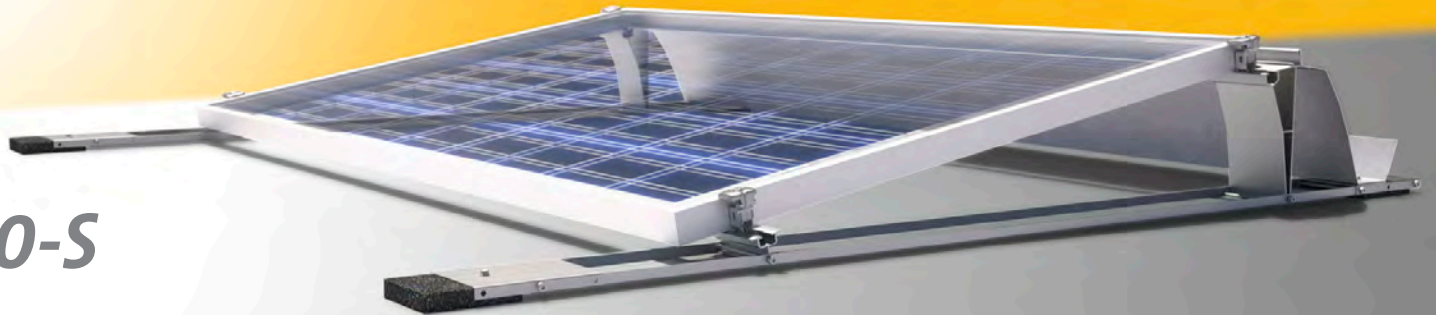
E Carril de unión perpendicular+ (negro)

Item No.

420083-BE

Aim for the sun!

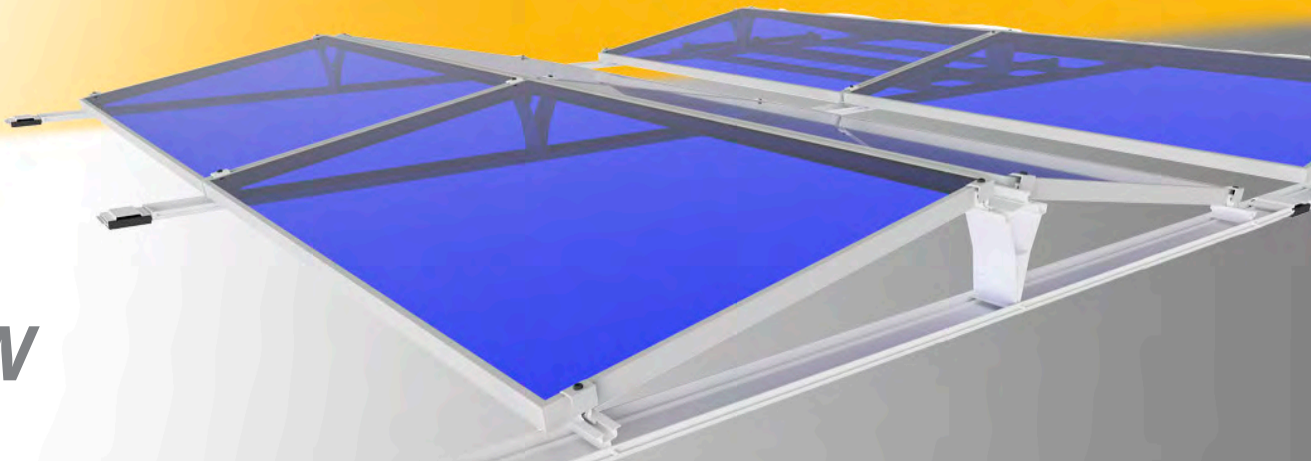
FS10-S



FS18-S




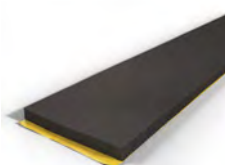
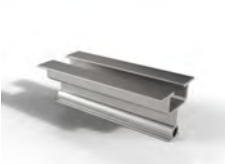





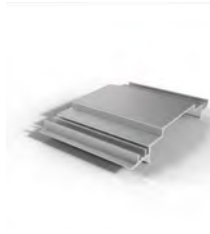
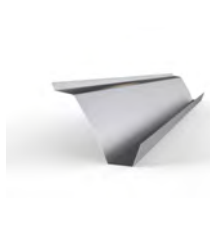
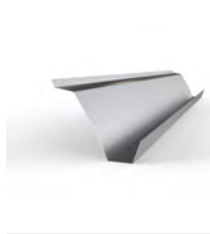



FS10-EW









FS10/18-S FS10-EW



	D Bodenschiene FS10-S	Item No.	Länge/Length
	UK Base rail FS10-S	500400	1389
	F Rail de montage FS10-S	500402	1639
	I Guida di supporto FS10-S		
	E Perfil de montaje FS10-S		
	D Bodenschiene FS18-S	Item No.	Länge/Length
	UK Base rail FS18-S	500401	1739
	F Rail de montage FS18-S	500403	1989
	I Guida di supporto FS18-S		
	E Perfil de montaje FS18-S		
	D Bodenschiene FS18-S	Item No.	Länge/Length
	UK Base rail FS18-S	500501	1989
	F Rail de montage FS18-S	500407	2060
	I Guida di supporto FS18-S	500500	2260
	E Perfil de montaje FS18-S		
	D Bautenschutzmatte 110x95x20mm standard	Item No.	
	UK Roof protection pad 110x95x20mm standard	500410	
	F Tapis de protection 110x95x20 mm standard		
	I Stuoia di protezione 110x95x20mm standard		
	E Protección para la cubierta 110x95x20mm estándar		
	D Bautenschutzmatte 110x95x20mm alu kaschiert	Item No.	
	UK Roof protection pad 110x95x20mm alu coated	500411	
	F Tapis de protection 110x95x20 mm revêtement alu		
	I Stuoia di protezione 110x95x20mm effetto alluminio		
	E Protección para la cubierta 110x95x20mm forrada de aluminio		
	D Bautenschutzmatte 1000x100x11 mm für Bodenschiene	Item No.	
	UK Roof protection pad 1000x100x11 mm for base rail	500412	
	F Tapis de protection 1000x100x11 mm pour rail de montage		
	I Stuoia di protezione 1000x100x11 mm par guida di supporto		
	E Protección para la cubierta 1000x100x11 mm para perfil de montaje		
	D Auflager Traufe	Item No.	
	UK Eave support	500420	
	F Support de gouttière		
	I Supporto grondaia		
	E Soporte canalón		
	D Auflager First 10°	Item No.	
	UK Ridge support 10°	500421	
	F Support de faîte 10°		
	I Supporto colmo 10°		
	E Soporte cumbrera 10°		

	D Auflager First 18° (montiert)	Item No.	510422
	UK Ridge support 18° (assembled)		
	F Support de faite 18° (monté)		
	I Supporto colmo 18° (montata)		
	E Soporte cumbrera 18° (montado)		
	D FS10-EW Auflager First 10°	Item No.	500520
	UK FS10-EW Ridge support 10°		
	F FS10-EW Support de faite 10°		
	I FS10-EW Supporto colmo 10°		
	E FS10-EW Soporte cumbrera 10°		
	D Bodenschienenverbinder	Item No.	500404
	UK Base rail connector		
	F Raccord pour rails		
	I Raccordo per guide		
	E Unión para perfiles de montaje		
	D Streamliner FS10-S 1800 mm	Item No.	500450
	UK Streamliner FS10-S 1800 mm		
	F Streamliner FS10-S 1800 mm		
	I Streamliner FS10-S 1800 mm		
	E Streamliner FS10-S 1800 mm		
	D Streamliner FS10-S 2150 mm	Item No.	500453
	UK Streamliner FS10-S 2150 mm		
	F Streamliner FS10-S 2150 mm		
	I Streamliner FS10-S 2150 mm		
	E Streamliner FS10-S 2150 mm		
	D Streamliner FS18-S 1800 mm	Item No.	500454
	UK Streamliner FS18-S 1800 mm		
	F Streamliner FS18-S 1800 mm		
	I Streamliner FS18-S 1800 mm		
	E Streamliner FS18-S 1800 mm		
	D Streamliner FS18-S 2150 mm	Item No.	500455
	UK Streamliner FS18-S 2150 mm		
	F Streamliner FS18-S 2150 mm		
	I Streamliner FS18-S 2150 mm		
	E Streamliner FS18-S 2150 mm		
	D Steckbolzen 6x110 mm	Item No.	900314
	UK Socket bolt 6 x 110 mm		
	F Axe débrochable 6 x 110 mm		
	I Vite cilindrica a scatto rapido 6x110		
	E Perno Enchufable 6x110		







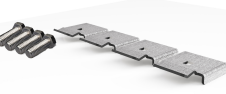


	D Bohrschraube 4,8x19 A2	Item No. 900229
	UK Self Drilling Screw 4,8x19 A2	
	F Vis autoforeuse 4,8x19 A2	
	I Vite autoperforante 4,8x19 A2	
	E Tornillo autoperforante 4,8x19 A2	
	D Bohrschraube 5,5x35 A2	Item No. 900234
	UK Self Drilling Screw 5,5x35 A2	
	F Vis autoforeuse 5,5x35 A2	
	I Vite autoperforante 5,5x35 A2	
	E Tornillo autoperforante 5,5x35 A2	
	D U-Scheibe DIN9021-6,4-A2	Item No. 900028
	UK Plain washer DIN9021-6,4-A2	
	F Rondelle DIN9021-6,4-A2	
	I Rondella DIN9021-6,4-A2	
	E Arandela DIN9021-6,4-A2	
	D ECO Ballastset FS	Item No. 520501
	UK ECO Ballast set FS	
	F ECO Set de remplissage FS	
	I ECO Set di ballast per FS	
	E ECO Juego por lastre para FS	
	D ECO Ballastset FS 2100 mm	Item No. 520502
	UK ECO Ballast set FS 2100 mm	
	F ECO Set de remplissage FS 2100 mm	
	I ECO Set di ballast per FS 2100 mm	
	E ECO Juego por lastre para FS 2100 mm	
	D Potentialausgleichsset FS-S (SET)	Item No. 920249
	UK Potential equalisation FS-S (SET)	
	F Set de mise à la terre FS-S (SET)	
	I Set collegamento equipotenziale FS-S (SET)	
	E Set para cable de tierra FS-S (SET)	

CS+ ballasted PV-Mounting System

CS+



	D ConSole+ (inkl. Montagmaterial und U-Profile)	Item No. 520075-K
	UK ConSole+ (incl. Mounting material and U-Profile)	
	F ConSole+ (incl. Material de montage e U-Profilé)	
	I ConSole+ (incl. Materiale di montaggio e U-Profilato)	
	E ConSole+ (incl. Material de montaje y U-perfil)	
	D Streamliner+	Item No. 520076
	UK Streamliner+	
	F Streamliner+	
	I Streamliner+	
	E Streamliner+	
	D Verlängerungsschienen für ConSole 4.1, 4.2, 5.2, 6.2	Item No. 460001
	UK Elongation rails for ConSole 4.1, 4.2, 5.2, 6.2	
	F Rails de rallonge pour ConSole 4.1, 4.2, 5.2, 6.2	
	I Set di prolunga per ConSole 4.1, 4.2, 5.2, 6.2	
	E Prolongación para ConSole 4.1, 4.2, 5.2, 6.2	
	D Montagmaterial für ConSole 4.1, 4.2, 5.2, 6.2, CS+	Item No. 420022
	UK Mounting material for ConSole 4.1, 4.2, 5.2, 6.2, CS+	
	F Material de montage pour ConSole 4.1, 4.2, 5.2, 6.2, CS+	
	I Materiale di montaggio per ConSole 4.1, 4.2, 5.2, 6.2, CS+	
	E Material de montaje para ConSole 4.1, 4.2, 5.2, 6.2, CS+	
	D ConSole Clip	Item No. 920106
	UK ConSole Clip	
	F ConSole Clip	
	I ConSole Clip	
	E ConSole Clip	
	D Aluminium U-Profil 1035 mm ConSole 4.2, 5.2,6.2, CS+	Item No. 400005
	UK Aluminium U-Profile 1035 mm ConSole 4.2, 5.2,6.2, CS+	
	F Aluminium U-Profilé 1035 mm ConSole 4.2, 5.2,6.2, CS+	
	I Alluminio U-Profilato 1035 mm ConSole 4.2, 5.2,6.2, CS+	
	E Aluminio U-Perfil 1035 mm ConSole 4.2, 5.2,6.2, CS+	
	D Hintergriffklemme für CS+	Item No. 420023
	UK Rear grip clamp for CS+	
	F Pince de préhension arrière pour CS+	
	I Morsetto posteriore per CS+	
	E Pinza de agarre trasera para CS+	


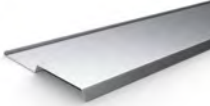

Roof Integrated

ISSE



	D	Platte 1100 x 1600 mm	Item No.	500007
	UK	Plate 1100 x 1600 mm		
	F	Plaque 1100 x 1600 mm		
	I	Pannello 1100 x 1600 mm		
	E	Plancha 1100 x 1600 mm		
	D	InterSole Anker	Item No.	860004
	UK	InterSole Anchor		
	F	InterSole Ancre		
	I	InterSole Ancoraggio		
	E	InterSole Gancho		
	D	Winkel Standard	Item No.	860010
	UK	Bracket Standard		
	F	Equerre standard		
	I	Squadretta Standard		
	E	Escuadra de montaje estándar		
	D	Winkel Low	Item No.	860011
	UK	Bracket Low		
	F	Equerre basse		
	I	Squadretta Low		
	E	Escuadra de montaje baja		
	D	Montageschiene 3000 mm	Item No.	400018
	UK	Mounting rail 3000 mm		
	F	Profilé de montage 3000 mm		
	I	InterSole Guida in alluminio 3000 mm		
	E	InterSole Perfil 3000 mm		
	D	Montageschiene Zuschnitt/m	Item No.	460018
	UK	Mounting Rail custom cut /m		
	F	Profilé de montage coupe/m		
	I	InterSole Guida in alluminio su misura /m		
	E	Intersole Perfil a medida /m		
	D	InterSole Schienenverbinder	Item No.	400025
	UK	InterSole Rail connector		
	F	InterSole Raccord de profilés de montage		
	I	InterSole Connettore per guida		
	E	InterSole Carril de unión		
	D	InterSole Anschlußblech UNTEN	Item No.	700002
	UK	InterSole Gutter LOWER		
	F	InterSole Esthétivette INFÉRIEURE		
	I	InterSole Scossalina INFERIORE		
	E	InterSole Chapa de protección INFERIOR		



	D	InterSole Anschlußblech UNTEN (schwarz)	Item No.	700002-B
	UK	InterSole Gutter LOWER (black)		
	F	InterSole Esthétivette INFÉRIEURE (noire)		
	I	InterSole Scossalina INFÉRIORE (nera)		
	E	InterSole Chapa de protección INFÉRIOR (negro)		
	D	InterSole Anschlußblech SEITLICH	Item No.	700001
	UK	InterSole Gutter SIDE		
	F	InterSole Esthétivette LATÉRALE		
	I	InterSole Scossalina LATÉRALE		
	E	InterSole Chapa de protección LATERAL		
	D	InterSole Anschlußblech SEITLICH (schwarz)	Item No.	700001-B
	UK	InterSole Gutter SIDE (black)		
	F	InterSole Esthétivette LATÉRALE (noire)		
	I	InterSole Scossalina LATÉRALE (nera)		
	E	InterSole Chapa de protección LATERAL (negro)		
	D	InterSole Anschlussblech SEITLICH Flachziegel	Item No.	700103
	UK	InterSole Gutter SIDE flat tiles		
	F	Tôle de raccordement InterSole LATÉRALE tuiles plates		
	I	Lamiera di giunzione LATÉRALE Intersole per tegole piane		
	E	Intersole chapa de unión teja plana LATERAL		
	D	InterSole Anschlussblech SEITLICH Flachziegel (schwarz)	Item No.	700103-B
	UK	InterSole Gutter SIDE flat tiles (black)		
	F	Tôle de raccordement InterSole LATÉRALE tuiles plates (noir)		
	I	Lamiera di giunzione LATÉRALE Intersole per tegole piane (nera)		
	E	Intersole chapa de unión teja plana LATERAL (negro)		
	D	InterSole Anschlußblech OBEN	Item No.	700003
	UK	InterSole Gutter UPPER		
	F	InterSole Esthétivette SUPÉRIEURE		
	I	InterSole Scossalina SUPÉRIORE		
	E	InterSole Chapa de protección SUPÉRIOR		
	D	InterSole Anschlußblech OBEN (schwarz)	Item No.	700003-B
	UK	InterSole Gutter UPPER (black)		
	F	InterSole Esthétivette SUPÉRIEURE (noire)		
	I	InterSole Scossalina SUPÉRIORE (nera)		
	E	InterSole Chapa de protección SUPÉRIOR (negro)		
	D	Kompriband 20 x 4000 mm	Item No.	300100
	UK	Sealing tape MPA 20 x 4000 mm		
	F	Bande compressible 20 x 4000 mm		
	I	Bandella di compressione 20 x 4000 mm		
	E	Cinta de dilatación 20 x 4000 mm		













	D Kleber für wasserfeste Schürze 290 ml	Item No.	300000
	UK Sealing strip Glue 290 ml		
	F Adhésif pour tablier de protection 290 ml		
	I Colla per membrana impermeabile 290 ml		
	E Adesivo faldon de estanqueidad 290 ml		
	D Hafte	Item No.	720011
	UK Mounting clip		
	F Griffe		
	I Graffetta per scossaline		
	E Enganche		
	D Spenglerschraube 4,5 x 45	Item No.	900011
	UK Screw neoprene washer 4,5 x 45		
	F Vis autoforeuse 4,5 x 45		
	I Vite autoforante con rondella in neoprene 4,5 x 45		
	E Tornillo de rosca autocortante con arandela 4,5 x 45		
	D Holzschraube Senkkopf 4,5 x 50	Item No.	900021
	UK Wood screw countersunk 4,5 x 50		
	F Vis à bois avec tête fraisée 4,5 x 50		
	I Vite da legno testa piana 4,5 x 50		
	E Tornillo madera cabeza avellanada 4,5 x 50		
	D Servicepauschale InterSole Zeichnung	Item No.	200007
	UK Service for InterSole layout		
	F Forfait de service de InterSole schémas		
	I Forfait de servizio InterSole disegno		
	E Servicio InterSole dibujo		
	D Wasserfeste Schürze 400 x 6000 mm	Item No.	300002
	UK Sealing strip 400 x 6000 mm	Farbe/Colour	Schwarz/Black
	F Tablier de protection 400 x 6000 mm	Item No.	300003
	I Membrana impermeabile 400 x 6000 mm	Farbe/Colour	Rot/Red
	E Faldon de estanqueidad 400 x 6000 mm		
	D Wasserfeste Schürze 400 x 12000 mm	Item No.	300004
	UK Sealing strip 400 x 12000 mm	Farbe/Colour	Schwarz/Black
	F Tablier de protection 400 x 12000 mm	Item No.	300005
	I Membrana impermeabile 400 x 12000 mm	Farbe/Colour	Rot/Red
	E Faldon de estanqueidad 400 x 12000 mm		
	D Wasserfeste Schürze 500 x 6000 mm	Item No.	300006
	UK Sealing strip 500 x 6000 mm	Farbe/Colour	Schwarz/Black
	F Tablier de protection 500 x 6000 mm	Item No.	300009
	I Membrana impermeabile 500 x 6000 mm	Farbe/Colour	Rot/Red
	E Faldon de estanqueidad 500 x 6000 mm		

ONE FOR ALL!







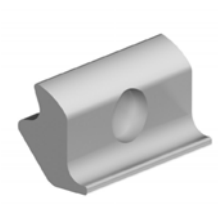



RS1



	D RS1	Item No. 420080
	UK RS1	
	F RS1	
	I RS1	
	E RS1	
	D RS1 (schwarz)	Item No. 420080-BE
	UK RS1 (black)	
	F RS1 (noire)	
	I RS1 (nero)	
	E RS1 (negro)	
	D Endklemme+	Item No. 420081
	UK End clamp+	
	F Bride simple+	
	I Morsetto terminale+	
	E Fijador lateral+	
	D Endklemme+ (schwarz)	Item No. 420081-BE
	UK End clamp+ (black)	
	F Bride simple+ (noire)	
	I Morsetto terminale+ (nero)	
	E Fijador lateral+ (negro)	
	D Mittelklemme+	Item No. 420082
	UK Middle clamp+	
	F Bride double+	
	I Morsetto intermedio+	
	E Fijador intermedio+	
	D Mittelklemme+ (schwarz)	Item No. 420082-BE
	UK Middle clamp+ (black)	
	F Bride double+ (noire)	
	I Morsetto intermedio+ (nero)	
	E Fijador intermedio+ (negro)	
	D P-Clip Potentialausgleich	Item No. 900268
	UK P-Clip Potential equalization	
	F P-Clip mise à la terre	
	I P-Clip collegamento equipotenziale	
	E P-Clip conexión equipotencial	
	D S-5! Stehfalzklemme E-Mini	Item No. 420254
	UK S-5! Clamp for standing seam E-Mini	
	F S-5! Bride pour couverture à joint debout E-Mini	
	I S-5! Lamiera graffata E-Mini	
	E S-5! Fijador E-Mini	



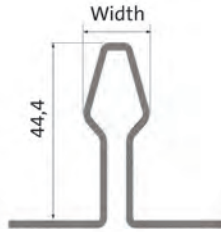
	D	S-5! Stehfalzklemme Z-Mini	Item No.	400255
	UK	S-5! Clamp for standing seam Z-Mini		
	F	S-5! Bride pour couverture à joint debout Z-Mini		
	I	S-5! Lamiera graffata Z-Mini		
	E	S-5! Fijador Z-Mini		
	D	S-5! Stehfalzklemme S-Mini	Item No.	420259
	UK	S-5! Clamp for standing seam S-Mini		
	F	S-5! Bride pour couverture à joint debout S-Mini		
	I	S-5! Lamiera graffata S-Mini		
	E	S-5! Fijador S-Mini		
	D	S-5! Stehfalzklemme R-465	Item No.	400252
	UK	S-5! Clamp for standing seam R-465		
	F	S-5! Bride pour couverture à joint debout R-465		
	I	S-5! Lamiera graffata R-465		
	E	S-5! Fijador R-465		
	D	S-5! Stehfalzklemme A-Mini	Item No.	400289
	UK	S-5! Clamp for standing seam A-Mini		
	F	S-5! Bride pour couverture à joint debout A-Mini		
	I	S-5! Lamiera graffata A-Mini		
	E	S-5! Fijador A-Mini		
	D	S-5! Stehfalzklemme K-Grip Mini	Item No.	400284
	UK	S-5! Clamp for standing seam K-Grip Mini		
	F	S-5! Bride pour couverture à joint debout K-Grip Mini		
	I	S-5! Lamiera graffata K-Grip Mini		
	E	S-5! Fijador K-Grip Mini		
	D	S-5!® Einsatz für Stehfalzklemme K-Grip Mini (GXM10)	Item No.	400288
	UK	S-5!® insert for Clamp for standing seam K-Grip Mini (GXM10)		
	F	S-5!® Bride pour couverture à joint debout K-Grip Mini (GXM10)		
	I	S-5!® Lamiera graffata K-Grip Mini (GXM10)		
	E	S-5!® Fijador K-Grip Mini (GXM10)		
	D	Stehfalzklemme K-Grip-Mini (GXM50)	Item No.	400285
	UK	Clamp for standing seam K-Grip Mini (GXM50)		
	F	Bride pour couverture à joint debout K-Grip Mini (GXM50)		
	I	Lamiera graffata K-Grip Mini (GXM50)		
	E	Fijador K-Grip Mini (GXM50)		
	D	S-5! Stehfalzklemme R-465-Mini	Item No.	400563
	UK	S-5! Clamp for standing seam R-465-Mini		
	F	S-5! Bride pour couverture à joint debout R-465-Mini		
	I	S-5! Lamiera graffata R-465-Mini		
	E	S-5! Fijador R-465-Mini		



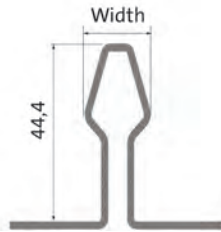
	D Rib-Roof Stehfalzklemme 465	Item No. 400257
	UK Rib-Roof clamp for standing seam R-465	
	F Rib-Roof bride pour couverture à joint debout R-465	
	I Rib-Roof lamiera graffata R-465	
	E Rib-Roof fijador para junta alzada R-465	
	D Rib-Roof Stehfalzklemme 500	Item No. 400258
	UK Rib-Roof clamp for standing seam R-500	
	F Rib-Roof bride pour couverture à joint debout R-500	
	I Rib-Roof lamiera graffata R-500	
	E Rib-Roof fijador para junta alzada R-500	
	D Rundfalzklemme für Kalzip und ähnliche	Item No. 400362
	UK Round seam clamp for Kalzip and similar	
	F Pince pour joints debouts à tête ronde pour Kalzip et similaires	
	I Morsetto per lamiera graffata stondata Kalzip e simili	
	E Abrazadera de pliegue redonda para Kalzip y similares	
	D Stehfalzklemme KL+	Item No. 400602
	UK Clamp for standing seam KL+	
	F Bride pour couverture à joint debout KL+	
	I Lamiera graffata KL+	
	E Fijador KL+	
	D LC1 Endklemme	Item No. 420084
	UK LC1 End clamp	
	F LC1 Bride simple	
	I LC1 Morsetto terminale	
	E LC1 Fijador lateral	
	D LC1 Endklemme schwarz	Item No. 420084-B
	UK LC1 End clamp black	
	F LC1 Bride simple noire	
	I LC1 Morsetto terminale nero	
	E LC1 Fijador lateral negro	
	D LC1 Mittelklemme	Item No. 420085
	UK LC1 Middle clamp	
	F LC1 Bride double	
	I LC1 Morsetto intermedio	
	E LC1 Fijador intermedio	
	D LC1 Mittelklemme schwarz	Item No. 420085-B
	UK LC1 Middle clamp black	
	F LC1 Bride double noire	
	I LC1 Morsetto intermedio nero	
	E LC1 Fijador intermedio negro	



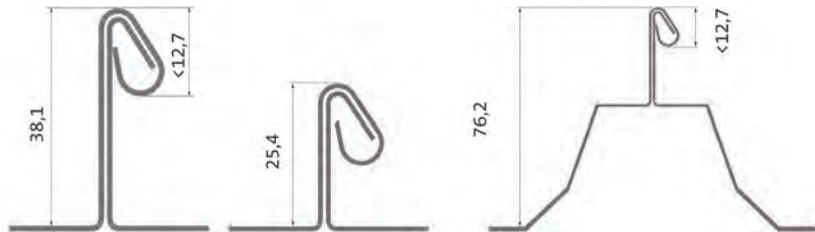
R465 - R400252



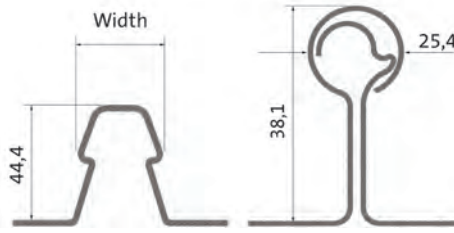
R465-Mini - R400563



E-Mini - R420254



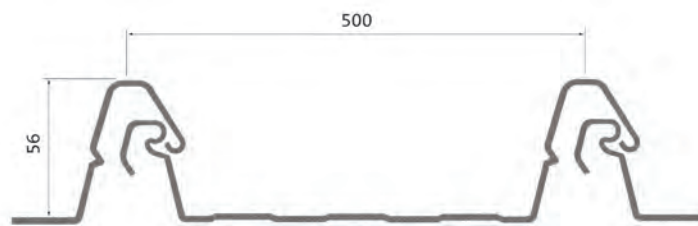
Z-Mini - R400255



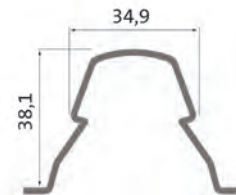
Rib-Roof 465 - R400257



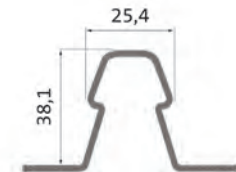
Rib-Roof 500 - R400258



K-Grip-Mini - R400284 + GMX 10 - R400288

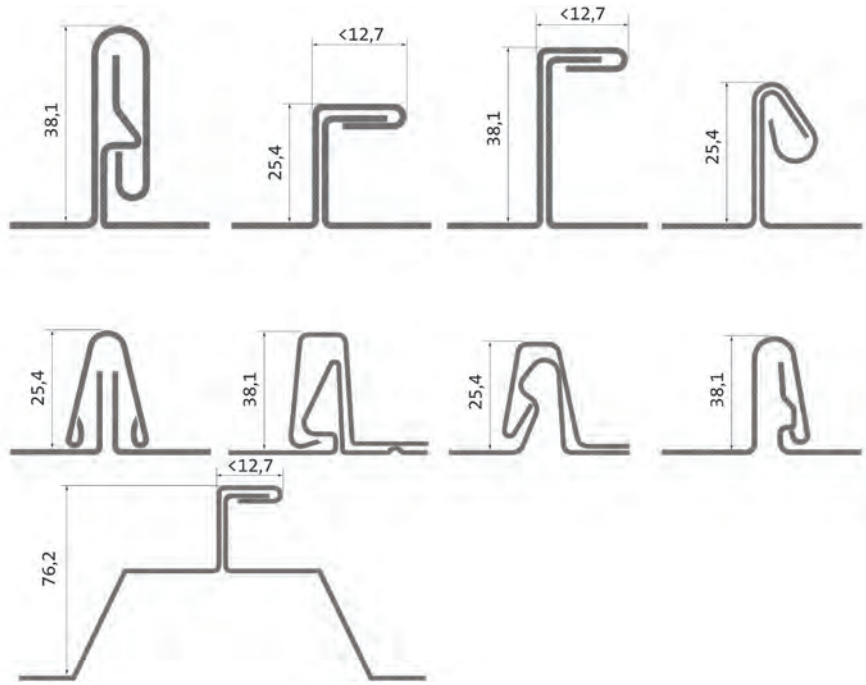


K-Grip-Mini - R400284 + GMX 50 - R400285

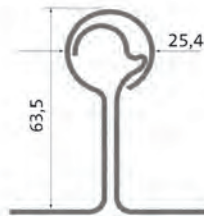




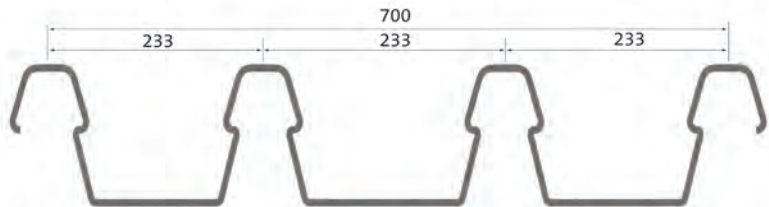
S-Mini - R420259



Kalzip and similar - R400362





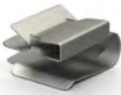





KL+ - R400602







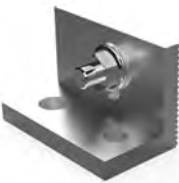





	D	6kt. Sperrzahnmutter mit Flansch M8	Item No.	900001
	UK	Hexagon Nut w. serration M8		
	F	Ecrou M8		
	I	Dado flang. M8		
	E	Tuerca dentada M8		
	D	6kt. Mutter ISO 4032 - M8 A2-70	Item No.	900036
	UK	Hexagon nut ISO 4032 - M8 A2-70		
	F	Ecrou ISO 4032 - M8 A2-70		
	I	Dado esagonale ISO 4032-M8 A2-70		
	E	Tuerca hexagonal ISO 4032 - M8 A2-70		
	D	6kt. Sicherheitsmutter M8	Item No.	900057
	UK	Hexagon safety nut M8		
	F	Écrou de sécurité M8		
	I	Dado di sicurezza M8		
	E	Tuerca de seguridad M8		
	D	6kt. Sperrzahnschraube M8 x 35 mit Flansch	Item No.	900025
	UK	Hexag. bolt M8 x 35 with serration		
	F	Vis tête hexagonale et embase crantée M8 x 35		
	I	Vite flangiata M8 x 35 con sicura		
	E	Tornillo M8 x 35 con corona autoblocante DIN 6921		
	D	6kt. Sperrzahnschraube M8 x 14 mit Flansch	Item No.	900016
	UK	Hexag. Flange bolt with serration M8 x 14		
	F	Vis tête hexagonale et embase crantée M8 x 14		
	I	Vite flangiata con sicura M8 x 14		
	E	Tornillo con bloqueo dentado con reborde M8 x 14		
	D	Hammerkopfschraube M8 x 20	Item No.	900009
	UK	Hammerhead bolt M8 x 20		
	F	Vis tête marteau M8 x 20		
	I	Vite testa a martello M8 x 20		
	E	Tornillo con cabeza de martillo M8 x 20		
	D	Hammerkopfschraube M8 x 25	Item No.	900007
	UK	Hammerhead bolt M8 x 25		
	F	Vis tête marteau M8 x 25		
	I	Vite testa a martello M8 x 25		
	E	Tornillo con cabeza de martillo M8 x 25		
	D	6kt. Schraube DIN931 u. Mutter DIN934	Item No.	900015
	UK	Hexagon Bolt DIN931 and Hexagon Flange DIN934		
	F	Vis tête hexagonale DIN931 avec écrou DIN 934		
	I	Vite flangiata DIN931 e Dado flangiato DIN934		
	E	Hexag. Bolt DIN931 y Tuerca DIN934		





	D U-Scheibe M8	Item No. 900054
	UK Washer M8	
	F Rondelle M8	
	I Rondella M8	
	E Arandela M8	
	D Kabelclip 0,7-3mm mit Kabelbinder	Item No. 900035
	UK Edge Clip 0,7-3mm with cable strap	
	F Lanière assemblée pour bord de cadre 0,7-3 mm	
	I Clip di fissazione laterale 0,7-3 mm, con cavo	
	E Clip de fijación lateral 0,7-3 mm, con brida	
	D Kabelhalter 90°	Item No. 900260
	UK Wire clip 90°	
	F Porte-câble 90°	
	I Portacavo 90°	
	E Soporte de cables	
	D Kabelclip Omega	Item No. 900261
	UK Wire clip Omega	
	F Clip de fixation de câbles Omega	
	I Clip Omega	
	E Clip de cables Omega	
	D Diebstahlsicherung Flüssigmetall	Item No. 900230
	UK Anti theft liquid metal	
	F Protection antivol - Métal liquide	
	I Protezione antifurto - Metallo liquido	
	E Protección antirrobo - Metal líquido	
	D UNI-Falzklammer	Item No. 900240
	UK UNI- Frame L-foot clamp for grounding	
	F UNI-Bride de serrage	
	I UNI-Morsetto per coperture a giunto aggraffato	
	E UNI-Fijador para cubiertas plegadas	
	D UNI- Erdungsklemme	Item No. 900241
	UK UNI-Grounding clamp	
	F UNI-Borne de terre	
	I UNI-Morsetto di messa a terra	
	E UNI-Terminal de puesta a tierra	
	D Befestigungsset für SolarEdge Optimizer(SET)	Item No. 420271
	UK Attachment kit for SolarEdge optimizer (SET)	
	F Set de fixation pour Solaredge Optimizer	
	I Set di montaggio per ottimizzatore di potenza SolarEdge	
	E Juego de fijaci' n para SolarEdge Optimizer	










	D Winkel M10	Item No. 420014
	UK Bracket M10	
	F Equerre M10	
	I Squadretta M10	
	E Escuadra M10	
	D Winkel M12	Item No. 420012
	UK Bracket M12	
	F Equerre M12	
	I Squadretta M12	
	E Escuadra M12	
	D Winkel M10 (Anbindung versetzt)	Item No. 420131
	UK Bracket M10 (offset connection)	
	F Equerre M10 (fixation décentrée)	
	I Squadretta M10 (fissaggio decentrato)	
	E Escuadra M10 (orificio de fijación decentrado)	
	D Winkel M12 (Anbindung versetzt)	Item No. 420130
	UK Bracket M12 (offset connection)	
	F Equerre M12 (fixation décentrée)	
	I Squadretta M12 (fissaggio decentrato)	
	E Escuadra M12 (orificio de fijación decentrado)	
	D Winkel IFP M8/M10, Set(1st.)	Item No. 420024
	UK Bracket IFP M8/M10, set(1pc.)	
	F Équerre IFP M8/M10, SET(1pce.)	
	I Squadretta IFP M8/M10, SET(1pz.)	
	E Escuadra de montaje IFP M8/M10, JUEGO(1pz.)	
	D Winkel UK M8, (SET)	Item No. 420352
	UK UK M8 bracket, (SET)	
	F Équerre UK M8, (SET)	
	I Angolare UK M8, (SET)	
	E Escuadra UK M8, (SET)	
	D Microinverter Befestigungswinkel, Set	Item No. 400270
	UK Microinverter mounting bracket, Set	
	F Équerre de fixation micro-onduleur VS, set	
	I Piastra angolare per microinverter VS, set	
	E Microinversor escuadra de fijación, set	
	D Vorsatzgerät SFS DS-K 265 für Akkuschauber	Item No. 999900
	UK Attachment SFS DS-K 265 for cordless screwdriver	
	F Adaptateur SFS DS-K 265 pour visseuse électrique	
	I Adattatore SFS DS-K 265 per avvitatore a batteria	
	E Adaptator SFS DS-K 265 por atornilladora de acu	



	D	Montage-Bit mit Spannring 8mm	Item No. 999940
	UK	Assembly bit with clamping ring 8mm	
	F	Embout de montage avec bague de serrage 8mm	
	I	Punta di montaggio con anello di serraggio 8mm	
	E	Punta de montaje con anillo de fijación 8mm	
	D	Montage-Bit - Stehfalzklemme	Item No. 900250
	UK	Assembly bit - standing seam clamp	
	F	Embout de montage - Toiture à pincement verticale	
	I	Punta di montaggio - Morsetti per lamiera aggraffata	
	E	Punta para instalación - Junta alzada	



	D	RS1 Handmuster	Item No.	500108
	UK	RS1 sample		
	F	RS1 Echantillon		
	I	RS1 Campionatura		
	E	RS1 Muestra		
	D	VS+ Handmuster	Item No.	500106
	UK	VS+ sample		
	F	VS+ Echantillon		
	I	VS+ Campionatura		
	E	VS+ Muestra		
	D	MS+ Handmuster	Item No.	500107
	UK	MS+ sample		
	F	MS+ Echantillon		
	I	MS+ Campionatura		
	E	MS+ Muestra		
	D	FS10-S Handmuster	Item No.	500109
	UK	FS10-S sample		
	F	FS10-S Echantillon		
	I	FS10-S Campionatura		
	E	FS10-S Muestra		
	D	VS+ Systemmuster	Item No.	500065
	UK	VS+ system sample		
	F	VS+ Echantillon de système		
	I	VS+ Campionatura sistema		
	E	VS+ Muestra del sistema		
	D	InterSole Handmuster	Item No.	500018
	UK	InterSole SE sample		
	F	InterSole SE Echantillon		
	I	InterSole SE campionatura		
	E	InterSole SE Muestra		
	D	Display VS+/MS+	Item No.	500113
	UK	Display VS+/MS+		
	F	Affichage VS+ /MS+		
	I	Display VS+/MS+		
	E	IPantalla VS+ /MS+		

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